

Intellectual Property Law Department  
Saint-Gobain Corporation  
One New Bond Street  
Worcester, MA 01615-0008

May 26, 2005

Via US Mail  
United States Patent & Trademark Office  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Subject: **US Pat. No. 5,037,453**  
Granted: **August 6, 1991**  
Assignee: Saint-Gobain Abrasives, Inc. (formerly Norton Company)  
Title: Abrasive Article  
Patentee's Ref.: BO-2320

**Transmittal Letter**

Sir:

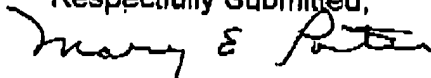
Enclosed with this letter is a Power of Attorney and Correspondence Address Indication Form for entry into the subject patent file.

Attached to the enclosed Power of Attorney is a Statement Under 37 CFR 3.73(b), together with a copy of the assignment from the inventors to Norton Company, transferring the parent application a related continuation-in-part applications, now U.S. Pat. No. 5,110,322. The assignment was recorded against the parent patent in the USPTO records on September 13, 1989.

A request to record a name change from Norton Company to Saint-Gobain Abrasives, Inc., against the patents was submitted on May 25, 2005.

A third party filed a request for re-examination of the 5,110,322 and 5,037,453 patents on April 29, 2005.

Respectfully Submitted,



Mary E. Porter  
Attorney for Applicants  
Reg. No. 33, 440  
508-795-2555 (phone)/508-795-2653 (fax)

#41020.01

Atty. Dkt. No. 025948-0182

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Inventors: Narayanan et al.  
Title: Abrasive Article  
Issued: May 5, 1992  
Patent No.: 5,110,322  
Appl. No.: 07/506,059  
Filing Date: April 9, 1990  
Examiner: Thompson, Willie  
Art Unit: 1108

**AUTHORIZATION TO ACT IN A REPRESENTATIVE CAPACITY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The practitioners named below are authorized to conduct interviews and have the authority to bind the principal concerned. Furthermore, the practitioners are authorized to file correspondence in the above-identified application pursuant to 37 CFR 1.34:

Name	Registration Number
Sean P. Connolly	56,668
James G. Morrow	32,505
Walter E. Zimmerman	40,883

This is not a Power of Attorney to the above-named practitioners. Accordingly, the practitioners named above do not have authority to sign a request to change the correspondence address, a request for an express abandonment, a disclaimer, a power of attorney, or other document requiring the signature of the applicant, assignee of the entire interest or an attorney of record. If appropriate, a separate Power of Attorney to the above-

Atty. Dkt. No. 025948-0182

named practitioners should be executed and filed in the United States Patent and Trademark Office.

I request that all correspondence directed to:

Sean P. Connolly  
Foley & Lardner LLP  
777 East Wisconsin Avenue, Suite 3800  
Milwaukee, WI 53202-5367

Respectfully submitted,

Date October 28, 2005

By Mary E. Porter

Telephone: (508) 795-2555  
Facsimile:

Mary E. Porter

Title: Assistant Secretary  
Saint-Gobain Abrasives, Inc

RECEIVED ON THE DATE STAMPED BELOW, THE FOLLOWING:  
Transmittal Letter  
Power of Attorney & Correspondence Address Indication  
Form

Statement Under 37 CFR 3.73(b)  
Copy of Assignment with Notice of Recordation  
Copy of Name Change with Recordation Cover Sheet  
In the Following Application:

Name: Narayanan et al  
Title: Abrasive Article  
Patent No.: 5,037,453  
Issued: August 6, 1991

Docket No.: B0-2320  
1st cls May 26, 2005

  
**SAINT-GOBAIN  
CORPORATION**

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Saint-Gobain Corporation • One New Bond Street • Box Number 15008  
Worcester, MA 01615-0008

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11-98-1130

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Doc Code:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# **POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM**

Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Application Number	Pat. No. 5,037,453
Filing Date	Issued August 6, 1991
First Named Inventor	Kesh S. Narayanan
Title	Abrasive Article
Art Unit	
Examiner Name	
Attorney Docket Number	BO-2320

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☐ Practitioners associated with the Customer Number:

☒ Practitioner(s) named below:

Name	Registration Number
Mary E. Porter	33,440
Mike W. Crosby	40,970
Joseph P. Sullivan	45,349
Thomas G. Field III	45,596

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

☐ The address associated with Customer Number:

☒ Firm or Individual Name Mary E. Porter, Esq.

Address Saint-Gobain Corporation  
1 New Bond Street, Box 15138

City Worcester

State MA

Zip 01615-0138

Country US

Telephone (508)-795-2555

Email Mary.E.Porter@Saint-Gobain.com

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/USB/86)

**SIGNATURE of Applicant or Assignee of Record**

Signature	<u>Mary E. Porter</u>	Date	<u>5-26-05</u>
Name	<u>Mary E. Porter</u>	Telephone	<u>(508)-795-2555</u>
Title and Company	<u>Assistant Secretary, Saint-Gobain Corporation</u>		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BO-2320

PTO/SB/98 (05-04)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 07/31/2005. OMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: SAINT-GOBAIN ABRASIVES, INC.Application No./Patent No.: 5,037,453 Filed/Issue Date: August 6, 1991Entitled: Abrasive ArticleSAINT-GOBAIN ABRASIVES, INC.a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 5141, Frame 315, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Mary E. Porter  
Signature

Mary E. Porter

Printed or Typed Name

Assistant Secretary

Title

5/26/05

Date

(508)-795-2555

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

TO: NORTON CO.  
PATENT DEPT.  
1 NEW BOND ST.  
BOX NUMBER 15008  
WORCESTER, MA 01615-0008

RECEIVED  
NORTON COMPANY

11/16/89

PATENT DEPT.

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME  
NUMBER REFERENCED BELOW. A DIGEST OF THE DOCUMENT HAS ALSO BEEN MADE  
AND APPEARS IN THE OFFICE'S RECORDS AS SHOWN:

ASSIGNOR: 001 NARAYANAN, KESH S.  
ASSIGNOR: 002 RAMAKRISHNAN, MUNI S.

DOC DATE: 09/11/89  
DOC DATE: 09/11/89

RECORDATION DATE: 09/13/89 NUMBER OF PAGES 001 REEL/FRAME 5141/0315

DIGEST: ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE: 501 NORTON COMPANY, WORCESTER, MASSACHUSETTS, A CORP OF MASSA  
CHUSETTS

SERIAL NUMBER 7-406487 FILING DATE 09/13/89  
PATENT NUMBER ISSUE DATE 00/00/00

TITLE OF INVENTION: ABRASIVE ARTICLE

- INVENTOR: 001 NARAYANAN, KESH S.  
INVENTOR: 002 RAMAKRISHNAN, MUNI S.

## ASSIGNMENT OF PATENT RIGHTS

WHEREAS, we, Kesh S. Narayanan, of Holden, Massachusetts and Muni S. Ramakrishnan, of Northborough, Massachusetts have made an invention or discovery in ABRASIVE ARTICLE

described and set forth in an application for U.S. LETTERS PATENT executed on Sept. 11, 1989

AND WHEREAS, NORTON COMPANY, a corporation duly organized and existing under the laws of the Commonwealth of Massachusetts and having its principal place of business at Worcester, Massachusetts, is desirous of acquiring the entire right, title and interest in and to said application and the invention or discovery described therein and in and to any and all LETTERS PATENT that may be issued thereon in the UNITED STATES OF AMERICA and in any foreign country:

NOW THEREFORE, in consideration of the sum of one dollar and other valuable considerations, receipt of which is hereby acknowledged, we, Kesh S. Narayanan and Muni S. Ramakrishnan hereby sell, assign and transfer unto the said NORTON COMPANY, its successors and assigns, the entire right, title and interests in and to said application and the invention or discovery therein described, together with the entire right, title and interest in and to all LETTERS PATENT, including Reissues, Divisions, Renewals, Continuations and Continuations in-part thereof, which may be obtained in the UNITED STATES OF AMERICA upon said invention or discovery, and the entire right, title and interest in and to all applications for LETTERS PATENT in all countries foreign to the United States and all LETTERS PATENT issued thereon including the right to claim for any corresponding foreign application the priority of the said application.

AND WE hereby authorize and request the COMMISSIONER OF PATENTS of the UNITED STATES OF AMERICA and the corresponding Officers of Foreign Governments to issue all LETTERS PATENT granted thereon in accordance with this assignment.

AND WE furthermore agree to sign all papers and do all reasonable acts necessary to obtain and defend such LETTERS PATENT and to vest the title thereto in the assignee named herein, but without expense to ourselves.

IN TESTIMONY WHEREOF we have hereunto set our hands and seals on the date of witnessing as given below.

Arthur A. Joiselle Jr. 9.11.89  
Witness Date

Kesh S. Narayanan  
Kesh S. Narayanan

Arthur A. Joiselle Jr. 9.11.89  
Witness Date

Muni S. Ramakrishnan  
Muni S. Ramakrishnan

RECORDED  
PATENT & TRADEMARK OFFICE

SEP 13 1989

  
COMMISSIONER OF PATENTS  
AND TRADEMARKS OFFICE

RECEIVED  
SEP 14 1989



SG FORM PTO-1595  
(Rev6/04)

BO-2320 &amp; BO-2320C

U. S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying party(ies)/ Execution Date(s):  
Norton Company

Execution Date(s) June 1, 2001

Additional name(s) of conveying Party(ies) attached? ☐ Yes ☒ No

2. Name and address of Receiving Party(ies):

SAINT-GOBAIN ABRASIVES, INC.

1 New Bond Street

Worcester, Massachusetts 01615

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☒ Change of Name  
☐ Government Interest Assignment  
☐ Other

4. Application or Patent number (s): ☐ This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s): 5,037,453 and 5,110,322

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Mary E. Porter, Esq.  
Intellectual Property Law Department, M/S 506-501  
SAINT-GOBAIN CORPORATION  
1 New Bond Street, Box Number 15138  
Worcester, MA 01615-0138 USA  
Phone No.: (508) 795-2555  
Fax No.: (508) 795-2653  
Email Address: Mary.E.Porter@saint-gobain.com

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 1.21(h) &amp; 3.41): \$ 80.00

☐ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit account number: 14-1400

Authorized User Name Mary E. Porter

9. Signature:

Mary E. Porter, Reg. No.33,440  
Name of Person Signing

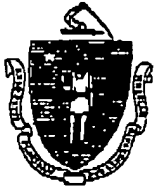
Signature

Date 5-25-05

Total Number of pages including cover sheet, attachments, and documents:

2

Documents to be recorded (including cover sheet) should be filed to : (703) 306-5995, or mailed to:  
Mailstop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450



William Francis Galvin  
Secretary of the  
Commonwealth

# *The Commonwealth of Massachusetts*

*Secretary of the Commonwealth*

*State House, Boston, Massachusetts 02133*

March 4, 2003

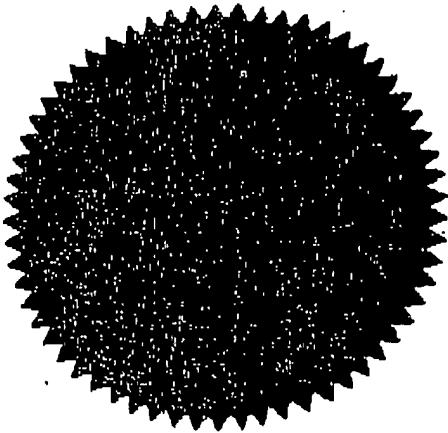
TO WHOM IT MAY CONCERN:

I hereby certify that according to the records in this office, NORTON EMERY WHEEL COMPANY was incorporated under the General Laws of this Commonwealth on June 20, 1885.

I also certify that in Articles of Amendment filed here June 2, 1906, the name of said corporation was changed to NORTON COMPANY.

I further certify that in Articles of Amendment filed here June 1, 2001, the name of said corporation was changed to SAINT-GOBAIN ABRASIVES, INC.

I also certify that so far as appears of record here, said corporation still has legal existence.



In testimony of which,  
I have hereunto affixed the  
Great Seal of the Commonwealth  
on the date first above written.

*William Francis Galvin*

Secretary of the Commonwealth

MGL C156B S83A provides that certain consolidations and mergers may be filed with the Division within thirty days after the effective date of...